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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 441P103 U.S. APPLICATION NO. (If known, see 37 CFR 1.51) 10/591201
INTERNATIONAL APPLICATION NO. PCT/JP2005/004304	INTERNATIONAL FILING DATE 11 March 2005	PRIORITY DATE CLAIMED 22 March 2004
TITLE OF INVENTION SEALING MATERIAL FOR LIQUID CRYSTAL AND METHOD FOR PRODUCING SAME		
APPLICANT(S) FOR DO/EO/US <u>Masahiro Imaizumi, Naoyuki Ochi, Toyofumi Asano, Eiichi Nishihara, Masahiro Hirano and Takumi Kobayashi</u>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).		

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <div style="font-size: 2em; font-weight: bold; text-align: center;">10/591201</div>		INTERNATIONAL APPLICATION NO. PCT/JP2005,004304		ATTORNEY'S DOCKET NUMBER 441P103	
20. Other items or information: <div style="margin-left: 20px;"> 1. Copy of the International Search Report. 2. Copy of Forms PCT/IB304 and PCT/IB/308. </div>					
The following fees have been submitted				CALCULATIONS PTO USE ONLY	
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300				\$ 300.00	
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 All other situations..... \$200				\$ 200.00	
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400 All other situations..... \$500				\$ 400.00	
TOTAL OF 21, 22 and 23 =				900.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250	\$	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$ 130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	15 - 20 =	0	x \$ 50	\$ 0	
Independent claims	2 - 3 =	0	x \$200	\$ 0	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$ 360.00	
TOTAL OF ABOVE CALCULATIONS =				\$ 1,390.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				-	
SUBTOTAL =				\$ 1,390.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$ -	
TOTAL NATIONAL FEE =				\$ 1,390.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$ -	
TOTAL FEES ENCLOSED =				\$ 1,390.00	
				Amount to be refunded:	\$
				Amount to be charged	\$

10/591201

- a. ☒ A check in the amount of \$ 1,390.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-0930. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO: CUSTOMER NO. 42754

Nields & Lemack
176 E. Main Street - Suite 7
Westboro, MA 01581


SIGNATURE

Kevin S. Lemack

NAME

32,579

REGISTRATION NUMBER

10/591201

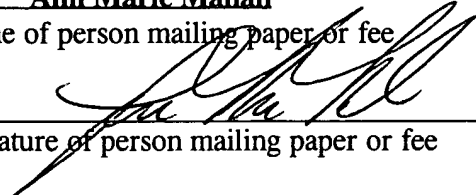
IAF5 Rec'd PCT/PTO 29 AUG 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Masahiro Imaizumi et al.
Serial No. : Not yet assigned (PCT/JP2005/004304)
Filed : Herewith By Express Mail (11 March 2005)
For : SEALING MATERIAL FOR LIQUID CRYSTAL AND METHOD
FOR PRODUCING SAME
Examiner : Not yet assigned
Art Unit : Not yet assigned
Attorney
Docket No. : 441P103
Type of paper : **Letter**

"EXPRESS MAIL" MAILING LABEL NO. **EQ 316343409 US**
DATE OF DEPOSIT: August 29, 2006

I hereby certify that this patent application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, **Mail Stop: PCT**, Alexandria, VA 22313-1450.

Ann Marie Mahan
Name of person mailing paper or fee

Signature of person mailing paper or fee

Attorney Docket No. **441P103**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **Masahiro Imaizumi, Naoyuki Ochi, Toyofumi Asano,
Eiichi Nishihara, Masahiro Hirano and Takumi Kobayashi**

For: **SEALING MATERIAL FOR LIQUID CRYSTAL AND METHOD FOR PRODUCING
SAME**

Commissioner for Patents
P.O. Box 1450
Mail Stop: PCT
Alexandria, VA 22313-1450

Sir: **LETTER**

The above-identified applicants enclose for filing the national phase of a PCT patent application (**PCT/JP2005/004304**) entitled "**SEALING MATERIAL FOR LIQUID CRYSTAL AND METHOD FOR PRODUCING SAME**". Said attached PCT patent application includes (1) Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371 (3-Pages); (2) Translation of the International Application into English: PCT Request (6-Pages), 22-Page Specification (including 2-Pages of Claims (14) and 1-Page Abstract); (3) Check in the amount of \$1,390.00 in payment of the Filing Fee; (4) Copy of the International Search Report (2-pages); (5) Copy of the Notice Informing the Applicant of the Communication of the International Application to the Designated Offices (Form PCT/IB/308)(1-Page); and (6) Copy of the Notification Concerning Submission of Priority Document (Form PCT/IB/304)(1-Page).

The executed Declaration will be submitted in due course.

All correspondence concerning this application should be mailed to: **CUSTOMER NO: 42754**

**Kevin S. Lemack
Nields & Lemack
176 E. Main Street - Suite 7
Westboro, Massachusetts 01581**

Respectfully submitted,



**Kevin S. Lemack
Attorney for Applicant
Registration No. 32,579**

Date: **August 29, 2006**

EXPRESS MAIL NO: EQ 316343409 US

IAF5 Rec'd PCT/PTO 29 AUG 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

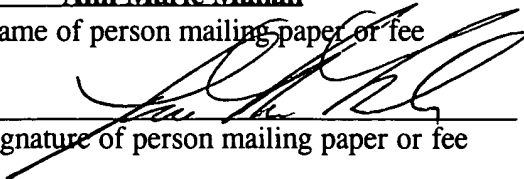
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Examiner : Not yet assigned
Art Unit : Not yet assigned
Attorney
Docket No. : 441P103
Type of paper : Transmittal Letter to the United States Designated/Elected Office
(DO/EO/US) Concerning a Filing Under 35 U.S.C. 371

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Ann Marie Mahan
Name of person mailing paper or fee


Signature of person mailing paper or fee

10/591201

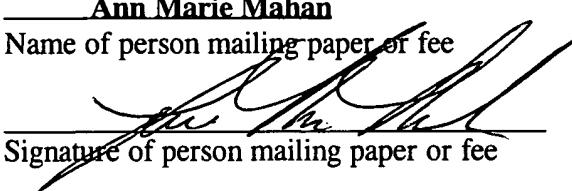
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Serial No. : Not yet assigned (PCT/JP2005/004304)
Filed : Herewith By Express Mail (11 March 2005)
For : SEALING MATERIAL FOR LIQUID CRYSTAL AND METHOD
FOR PRODUCING SAME
Examiner : Not yet assigned
Art Unit : Not yet assigned
Attorney
Docket No. : 441P103
Type of paper : Translation of the International Application into English

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Ann Marie Mahan
Name of person mailing paper or fee


Signature of person mailing paper or fee

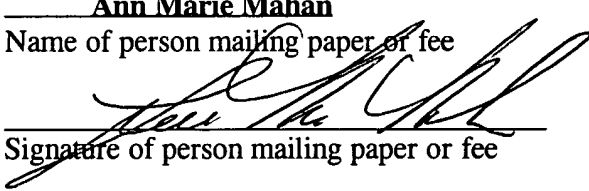
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Examiner : Not yet assigned
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Attorney
Docket No. : 441P103
Type of paper : **Filing Fee**

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Ann Marie Mahan
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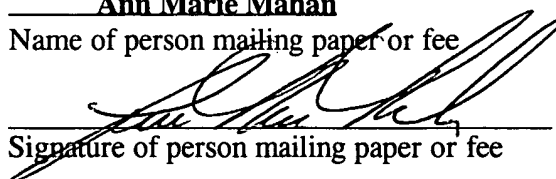
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Type of paper : **Copy of the International Search Report**

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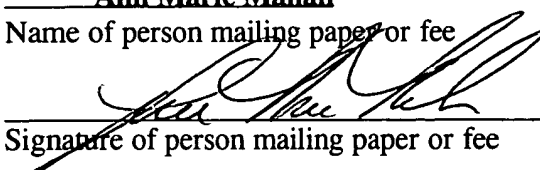
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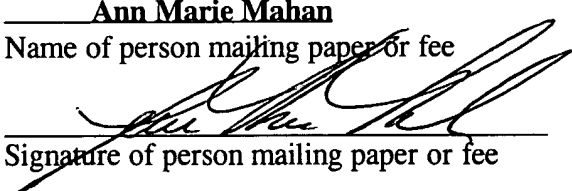
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Priority Document (Form PCT/IB/304)**

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